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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of

Applicant

Nishimura Tetsuro

Serial No.

09/450,632

Filed

November 24, 1999

Title

LEAD-FREE SOLDER-ALLOY

Docket

550718-070

Art Unit

1742

BOX NON-FEE AMENDMENT Assistant Commissioner of Patents Washington, D.C. 20231

Sir:

SECOND PRELIMINARY AMENDMENT

Prior to examination, please amend the above-identified application as follow:

IN THE CLAIMS:

Please cancel claims 4, 5/, and 6; and add the following new claims 7-15:

A lead-free solder alloy according to claim 1 wherein Ni is added to a solved base alloy of Sn-Cu.

A lead-free solder alloy according to claim 2 wherein Ni is added to a solved-58. base alloy of Sn-Cu.